belkin • Your Essential Connection

F1DN102P
F1DN104P
F1DN104W
F1DN104Q

BELKIN SECURE DISPLAYPORT KVM

Belkin proudly introduces the one-of-a-kind, innovative Belkin Secure DisplayPort KVM.

Belkin proudly introduces the one-of-a-kind, Belkin Secure DisplayPort KVM. DisplayPort is a complex protocol with the capabilities of transferring various types of information beyond just display signals, therefore challenging in terms of security. Belkin is the only company in the market who overcame this challenge and has added the Belkin Secure DisplayPort KVM to its product range.

With the increasing popularity of DisplayPort displays, the Belkin Secure DisplayPort KVM is the perfect solution. The Belkin Secure DisplayPort KVM is fully compatible with both 1.1 and 1.2 DisplayPort protocols, supporting resolutions up to 3840×2160 by 30 bpp @ 60Hz.

The Belkin Secure DisplayPort KVM is the ultimate secure solution for government agencies, financial institutions, and other organizations that handle sensitive or confidential data on separate networks with different levels of security. Users within these organizations need a secure and reliable way to access multiple computers, each connected to different networks. The Belkin Secure DisplayPort KVM provides true data path isolation between systems and networks and is equipped with optical diodes, assuring uni-directional flow of data.

In order to assure the highest level of protection the Belkin Secure DisplayPort KVM is Common Criteria Validated to EAL4+. Additional security is provided through its end-to-end tamper-proof system that prevents physical tampering, as well as color chips and included naming labels that are provided to reduce user-switching errors by providing clear identification for each target port on the Secure KVM.

COMMON CRITERIA VALIDATED TO EAL4+

The Belkin Secure DisplayPort KVM is Common Criteria validated to EAL 4+ (Evaluation Assurance Level 4). The product also complies with NIAP Protection Profile 2.2.

KEY FEATURES AND BENEFITS

- **The Secure DisplayPort KVM on the Market:**
  The Belkin Secure DisplayPort KVM is the only Secure DisplayPort KVM in the market today. The Belkin Secure DisplayPort KVM supports both 1.1 and 1.2 DisplayPort protocols.
- **Protected DisplayPort Channel Switching:**
  The Belkin Secure DisplayPort KVM switch includes security mechanisms to protect DisplayPort channels, preventing leakage of information between connected computers and the display(s). These security mechanisms provide isolation even if two connected computers are infected with a malicious code attempting to target the KVM.
- **Future Proof:**
  The Belkin Secure DisplayPort KVM supports all current and future display resolutions.

  Maximum resolutions supported:
  - **All DisplayPort 1.2 resolutions up to 3840×2160 by 30 bpp @ 60 Hz**
  - **Supports 17.28 Gbit/s @ 4-lane link**
- **Increased Reliability:**
  Using a new, advanced anti-tampering battery with an extremely low self-discharge rate, the life expectancy of the switch has been increased dramatically to over 15 years.
- **Four Models:**
  Choose the model that suits you best.
  - **F1DN102P 2-port DisplayPort, Single-Head + CAC Port + DCU Port + Audio**
  - **F1DN104P 4-port DisplayPort, Single-Head + CAC Port + DCU Port + Audio**
  - **F1DN104W 4-port DisplayPort, Dual-Head +CAC Port + DCU Port + Audio**
  - **F1DN104Q 4-port (3 x DisplayPort 1x DVI-I), Quad-Head + CAC Port + DCU Port + Audio**

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Security. Convenience. Control.

Belkin Secure Displayport KVM Switch

PART NUMBER	F1DN102P	F1DN104P	F1DN104W	F1DN104Q
No. of Computers	2	4	4	4
No. of Displays	1	1	2	4 (3 DisplayPort and 1 DVI)
Resolutions Supported	All DisplayPort 1.2 resolutions up to 3840×2160 by 30 bpp @ 60Hz. Supports 17.28 Gbps @ a 4-lane link. DVI-I Dual-Link up to 2560x1600 (F1DN104Q only)			
CONSOLE PORTS (DEVICES)				
Console Mouse and Keyboard Ports	USB Type-A female connector or PS/2 Mini-DIN 6-pin female connector (1 designated port for mouse and 1 designated port for keyboard)			
Console Display Ports	DisplayPort 1.1 and 1.2	DisplayPort 1.1 and 1.2	2 x DisplayPort 1.1 and 1.2	3 x DisplayPort 1.1 and 1.2 and 1 x DVI-I Dual Link
Console Audio Jack	3.5mm female			
Console CAC Input	USB Type A			
COMPUTER PORTS				
Computer Display Ports	1 x DisplayPort 1.1 and 1.2	1 x DisplayPort 1.1 and 1.2	2 x DisplayPort 1.1 and 1.2	3 x DisplayPort 1.1 and 1.2 and 1 x DVI- I Dual-Link
Computer Audio Jack	3.5mm female			
Computer Keyboard/Mouse Ports	USB Type B			
Computer CAC Ports	USB Type B			
PHYSICAL				
Dimensions	12.5 (W) x 1.7 (H) x 6.4 (L) inches / 317.5 (W) x 43.2 (H) x 162.6 (L) mm	12.5 (W) x 1.7 (H) x 6.4 (L) inches / 317.5 (W) x 43.2 (H) x 162.6(L) mm	12.5 (W) x 2.5 (H) x 6.4 (L) inches / 317.5 (W) x 63.5 (H) x 162.6(L) mm	12.5 (W) x 3.8 (H) x 6.4 (L) inches / 317.5 (W) x 96.5 (H) x 162.6(L) mm
Weight	3.9lbs.(1.77kg)	3.9 lbs.(1.77kg)	4.85 lbs.(2.2kg)	5.85 lbs.(5.65kg)
POWER				
Power Requirements	100–240VAC, 1A Max, 50/60Hz			
AC Input	100 to 240VAC			
Power Type	External			
ENVIRONMENTAL				
Operating Temperature	32° to 104° F (0° to 40° C)			
Storage Temperature	-4° to 140° F (-20° to 60° C)			
Humidity	0-80% RH, non-condensing			
CERTIFICATION				
Security Accreditation	Common Criteria EAL 4+ ALC_FLR.3			
GENERAL INFORMATION				
Made In	USA			
Product Life-Cycle	15 years			
Warranty	3 years			
Enclosure	Heavy-duty extruded aluminum enclosure with metal faceplate			

F1DN104W

F1DN104P

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